

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112719\
 Data File : VD064400.D
 Acq On : 27 Nov 2019 16:58
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 29 07:51:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	514196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	749445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	641599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	308195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	231027	49.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.28%	
35) Dibromofluoromethane	7.92	113	237858	50.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.74%	
50) Toluene-d8	10.34	98	904097	50.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.64	95	287728	50.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.68%	

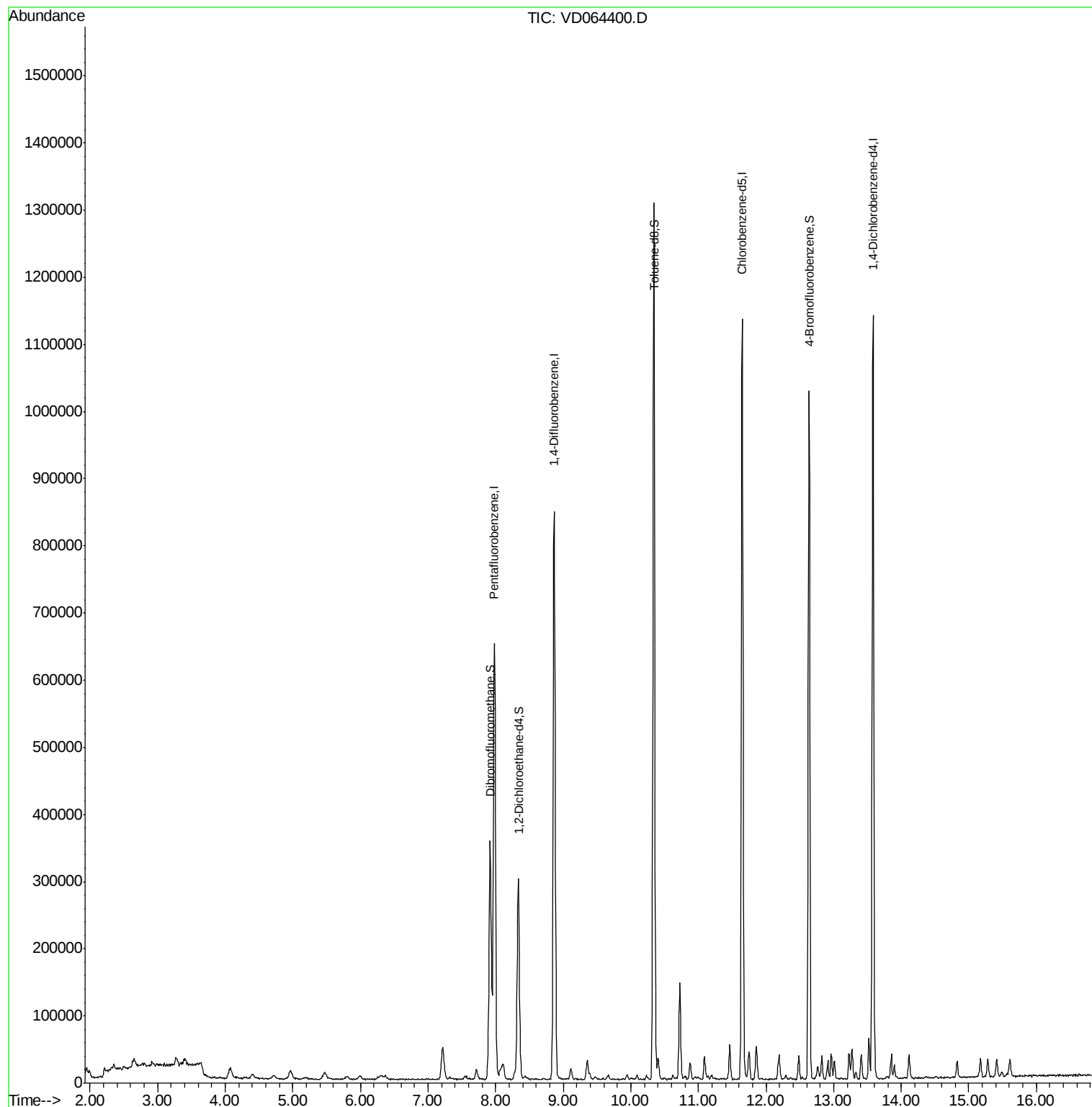
Target Compounds	Qvalue
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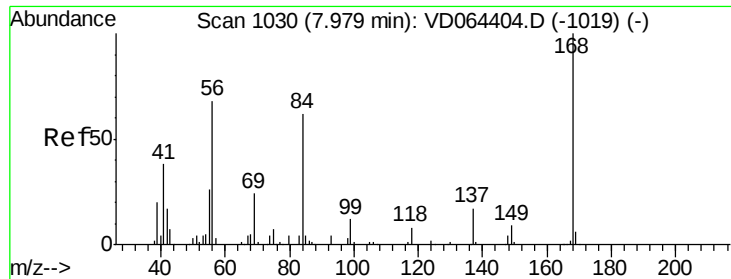
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064400.D

Acq: 27 Nov 2019 16:58

Instrument :

MSVOA_D

ClientSampleId :

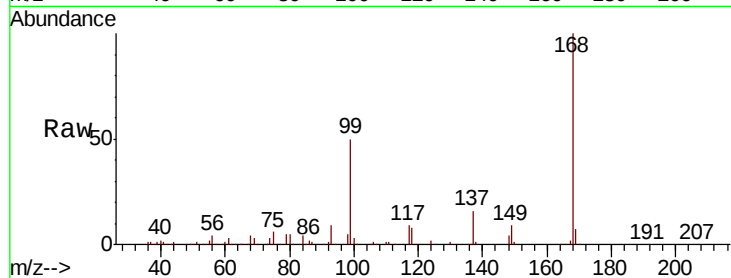
VIBLK

Tot Ion:168 Resp: 514196

Ion Ratio Lower Upper

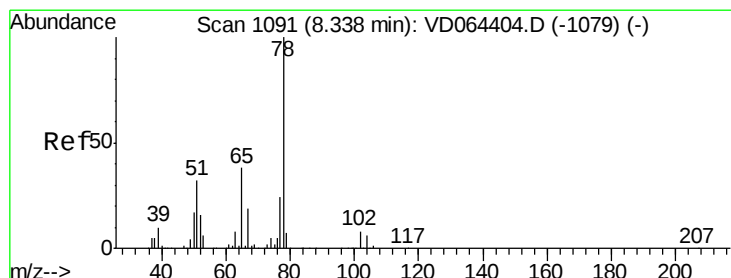
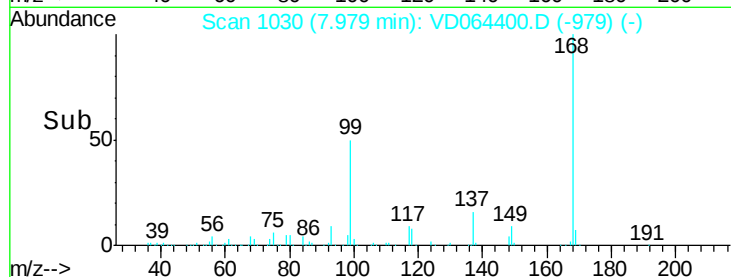
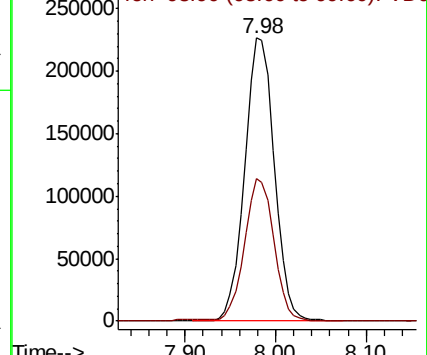
168 100

99 50.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.638 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064400.D

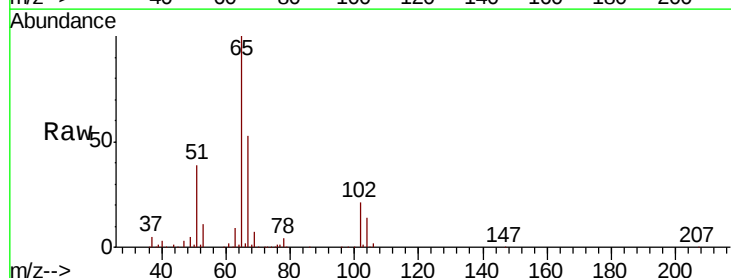
Acq: 27 Nov 2019 16:58

Tgt Ion: 65 Resp: 231027

Ion Ratio Lower Upper

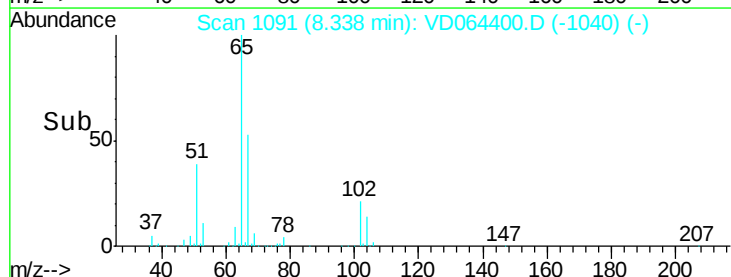
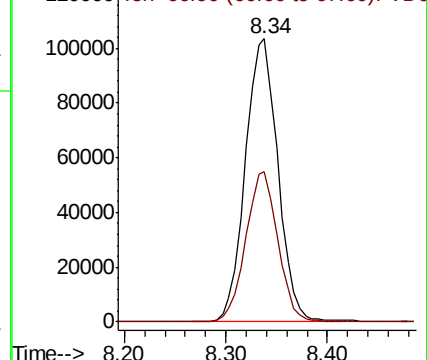
65 100

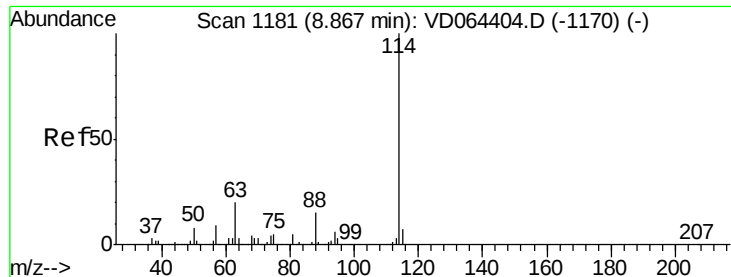
67 52.4 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064400.D

Acq: 27 Nov 2019 16:58

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

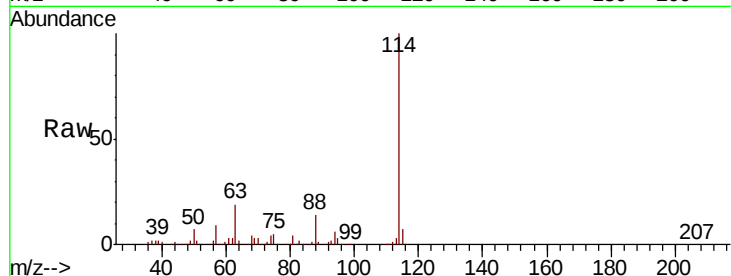
Tot Ion:114 Resp: 749445

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

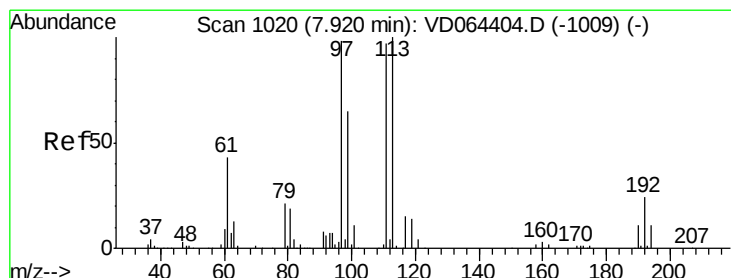
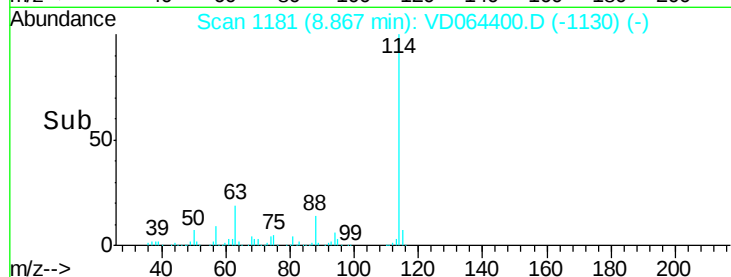
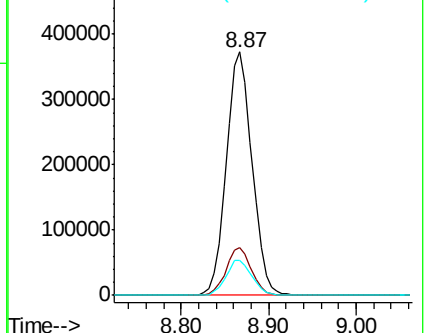
88 14.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.374 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064400.D

Acq: 27 Nov 2019 16:58

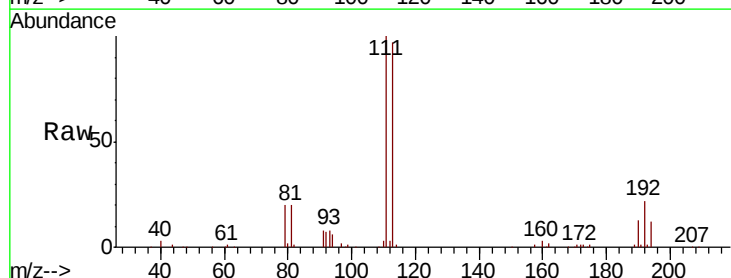
Tgt Ion:113 Resp: 237858

Ion Ratio Lower Upper

113 100

111 102.0 79.4 119.2

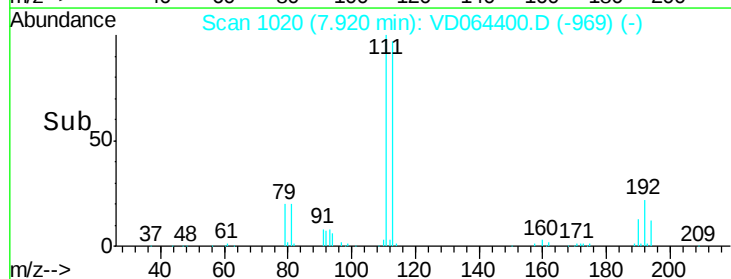
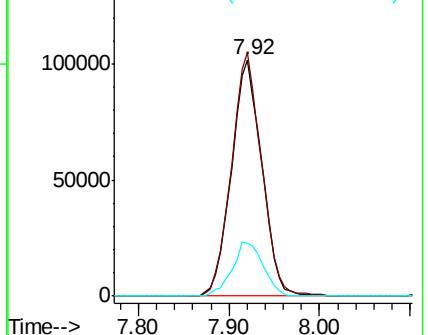
192 23.4 18.6 28.0

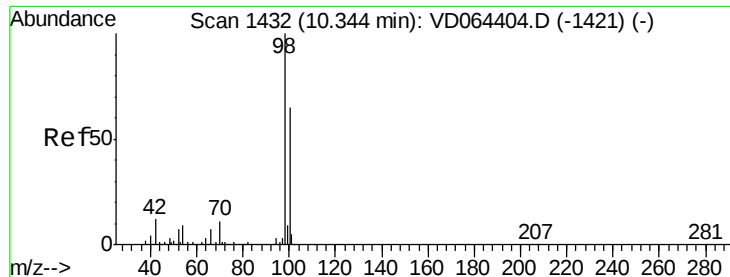


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

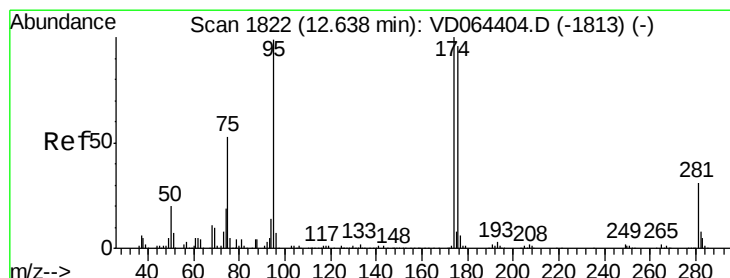
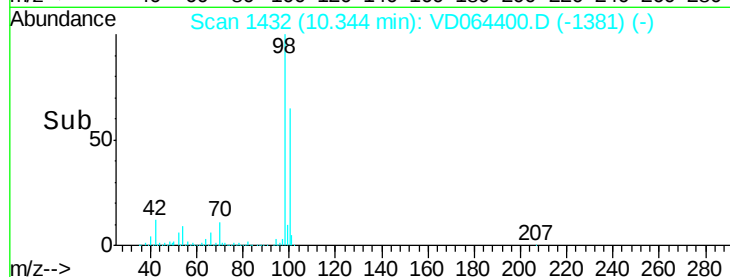
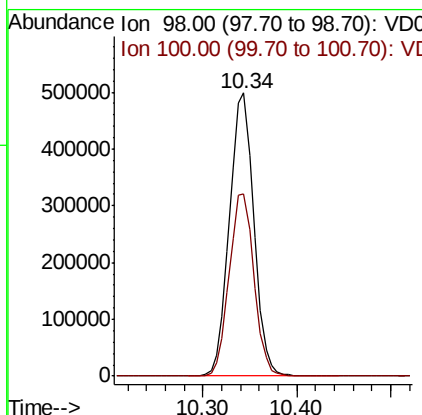
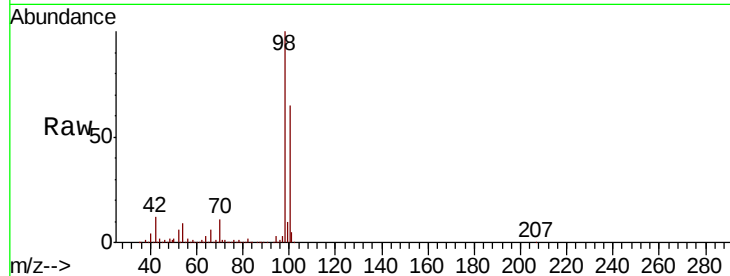




#50
Toluene-d8
Concen: 50.830 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064400.D
Acq: 27 Nov 2019 16:58

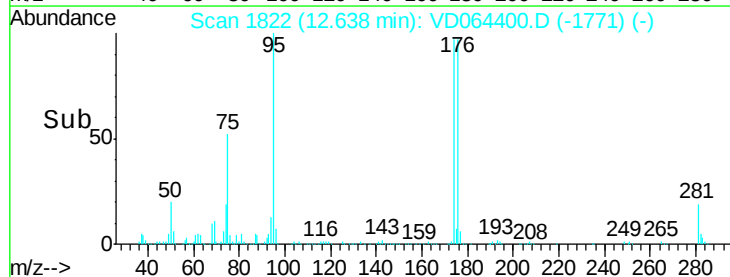
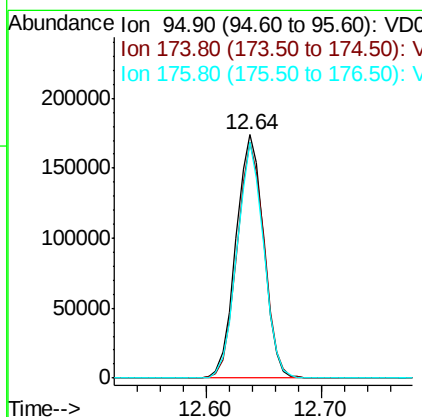
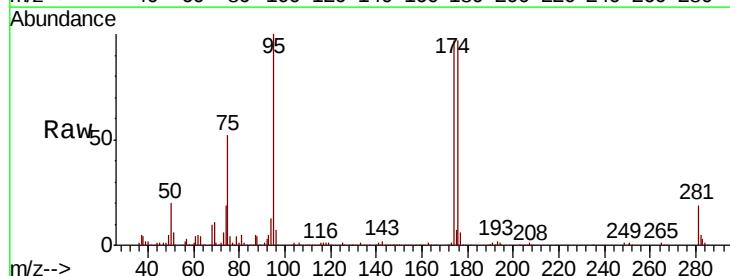
Instrument :
MSVOA_D
ClientSampled :
VIBLK

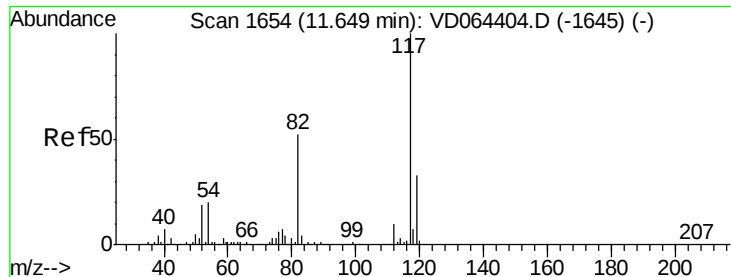
Tot Ion: 98 Resp: 904097
Ion Ratio Lower Upper
98 100
100 65.5 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 50.336 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064400.D
Acq: 27 Nov 2019 16:58

Tgt Ion: 95 Resp: 287728
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.2
176 92.9 0.0 189.6

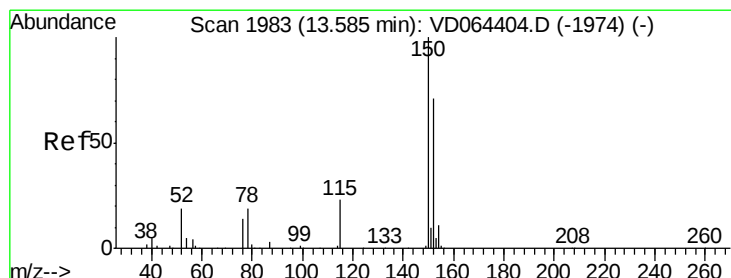
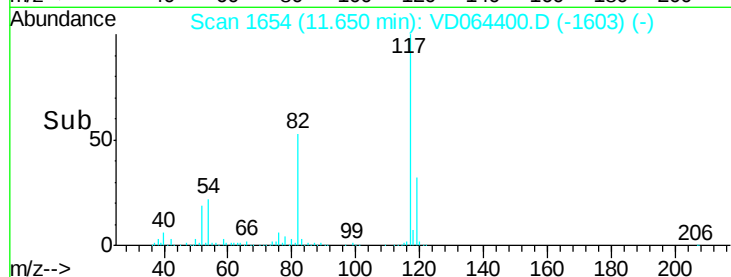
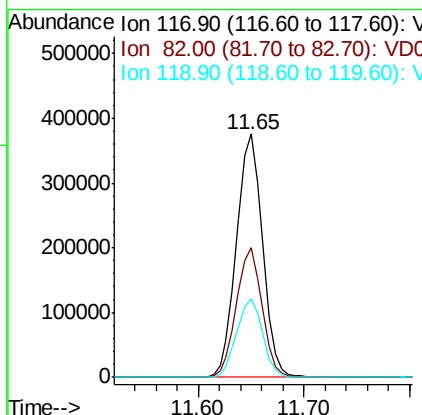
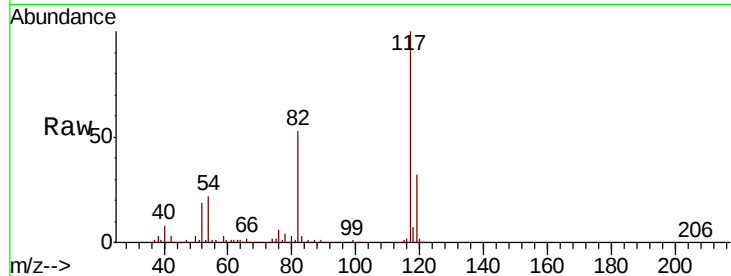




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064400.D
Acq: 27 Nov 2019 16:58

Instrument :
MSVOA_D
ClientSampleID :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.4	62.2
119	32.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064400.D
Acq: 27 Nov 2019 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.7	80.1
150	159.0	0.0	347.2

